

Fluanisone

Other names:

1-Butanone, 1-(4-fluorophenyl)-4-[4-(2-methoxyphenyl)-1-piperazinyl]-
Butyrophenone, 4'-fluoro-4-[4-(o-methoxyphenyl)-1-piperazinyl]-
anti-Pica
Fluanison
Haloanison
Haloanisone
R 2028
R 2167
Sedalande
2028 MD
Metorin
MD 2028
4-(4-(o-Methoxyphenyl)-1-piperazinyl)-p-fluorobutyrophenone
4'-Fluoro-4-(4-(o-methoxyphenyl)-1-piperazinyl)butyrophenone
4'-Fluoro-4-[4(o-methoxyphenyl)-1-piperazinyl]buterophenone
NSC 170977
p-Fluoro-«gamma»-[4-(o-methoxyphenyl)-1-piperazinyl]butyrophenone

Inchi: InChI=1S/C21H25FN2O2/c1-26-21-7-3-2-5-19(21)24-15-13-23(14-16-24)12-4-6-20(25)1**InchiKey:** IRYFCWPNDIUQOW-UHFFFAOYSA-N**Formula:** C21H25FN2O2**SMILES:** COc1ccccc1N1CCN(CCCC(=O)c2ccc(F)cc2)CC1**Mol. weight [g/mol]:** 356.43**CAS:** 1480-19-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.28		Crippen Method
logp	3.619		Crippen Method
mcvol	277.540	ml/mol	McGowan Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>**Crippen Method:** http://www.chemeo.com/doc/models/crippen_log10ws

McGowan Method:

<http://link.springer.com/article/10.1007/BF02311772>

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C1480199&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

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